

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------|---------|------------------|
| L1 | 123 | ((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 19:59 |
| L2 | 15 | ((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4).clm. and @pd>="20060320" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 19:59 |
| L3 | 3 | (L1 or L2) and @pd>="20061011" and (@rlad<="20031231" or @ad<="20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 20:20 |
| L4 | 955056 | (c23c016\$ or H01I021\$).ipc. | EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 20:22 |
| L5 | 663 | L4 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) same plate)) and insulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 20:22 |
| L6 | 23 | (L5) and @pd>="20060320" and (@rlad<="20031231" or @ad<="20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 20:22 |
| L7 | 6 | (L6) and @pd>="20061011" and (@rlad<="20031231" or @ad<="20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 21:06 |
| L8 | 4100 | (Ho near3 Lee).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 21:06 |

EAST Search History

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| L9 | 8 | L8 and ((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4 or dispers\$4) adj plate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 21:06 |
| L10 | 0 | (L9) and @pd>="20061011" and (@rlad<="20031231" or @ad<="20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 21:21 |
| L11 | 2 | (L9) and @pd>="20061011" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 21:07 |
| L12 | 5968 | ((118/715) or (156/345.33,345.34)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/30 21:23 |
| L13 | 47 | L12 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) and @pd>="20050321" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 21:23 |
| L14 | 421 | ("118"/\$ or "156"/\$3 or "204"/\$). ccls. and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 21:23 |
| L15 | 14 | (L13 or L14) and @pd>="20060320" and (@rlad<="20031231" or @ad<="20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 21:23 |
| L16 | 6 | L12 and ((dispers\$4 adj plate) same insulat\$4) and (@rlad<="20031231" or @ad<="20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 21:23 |

EAST Search History

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| L17 | 55 | ("156"/3\$).ccls. and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) not L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 21:23 |
| L18 | 16 | ("118"/\$ or "156"/\$3 or "204"/\$). ccls. and (((dispers\$4) adj plate) same insulat\$4) and (@rlad<="20031231" or @ad<="20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 21:23 |
| L19 | 7 | ("156"/3\$).ccls. and ((dispers\$4 adj plate) same insulat\$4) and (@rlad<="20031231" or @ad<="20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 21:23 |
| L20 | 1530 | (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) and (@rlad<="20031231" or @ad<="20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 21:23 |
| L21 | 1154 | L20 not (L13 or L14 or L5 or L16) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 21:23 |
| L22 | 577 | L21 and (substrate or wafer or susceptor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 21:23 |
| L23 | 12 | (L15 or L16 or L17 or L18 or L19 or L22) and @pd>="20061011" and (@rlad<="20031231" or @ad<="20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 22:18 |
| L24 | 26 | ("20020033233" "20020142612" "20030194510" "20040079725" "20050139317" "20060000802" "4496420" "6167835" "6203657" "6261406" "6290806" "6299689" "6692649"). PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 22:18 |

EAST Search History

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| S2 | 5197 | ((118/715) or (156/345.33,345.34)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/23 17:21 |
| S3 | 97 | S2 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/09/10 16:02 |
| S4 | 5413 | ((118/715) or (156/345.33,345.34)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/10 16:07 |
| S5 | 12 | S4 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) and @pd>="20050321" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/09/10 19:33 |
| S6 | 354 | ("118"/\$ or "156"/\$3 or "204"/\$). ccls. and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/09/10 17:12 |
| S7 | 109 | S4 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/03/20 16:51 |
| S8 | 258 | S6 not (S7 or S5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/09/10 19:30 |
| S9 | 898080 | (c23c016\$ or H01I021\$).ipc. | EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/09/10 19:32 |
| S10 | 19866 | S9 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4))) and insulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/09/10 19:36 |

EAST Search History

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| S11 | 632 | S9 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) same plate)) and insulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/03/20 16:44 |
| S12 | 26 | ("3369989" "4771730" "4792378" "4798165" "4897709" "4971653" "5010842" "5017403" "5148714" "5273588" "5342471" "5356476" "5378501" "5433787" "5434110" "5453124" "5567243" "5593511" "5595606" "5610106" "5628829" "5665640" "5716870" "5855685").PN. OR ("6302057").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/03/20 16:02 |
| S13 | 5609 | ((118/715) or (156/345.33,345.34)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/20 16:48 |
| S14 | 32 | S13 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) and @pd>="20050321" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/03/20 16:48 |
| S15 | 381 | ("118"/\$ or "156"/\$3 or "204"/\$). ccls. and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/03/20 16:48 |
| S16 | 13 | (S14 or S15) and @pd>="20050910" and (@rlad<="20031231" or @ad<="20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 11:02 |
| S17 | 108 | (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 15:22 |

EAST Search History

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| S18 | 2 | ("20040200413").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/10 17:19 |
| S19 | 2 | ("20050000430").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/10 19:27 |
| S20 | 5893 | ((118/715) or (156/345.33,345.34)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/11 11:03 |
| S21 | 46 | S20 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) and @pd>="20050321" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 15:15 |
| S22 | 412 | ("118"/\$ or "156"/\$3 or "204"/\$). ccls. and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 13:29 |
| S23 | 10 | (S21 or S22) and @pd>="20060320" and (@rlad<="20031231" or @ad<="20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 19:58 |
| S25 | 946533 | (c23c016\$ or H01I021\$).ipc. | EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 11:49 |
| S28 | 659 | S25 and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) same plate)) and insulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 11:50 |
| S30 | 16 | (S28) and @pd>="20060320" and (@rlad<="20031231" or @ad<="20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 12:01 |

EAST Search History

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| S31 | 6 | S20 and ((dispers\$4 adj plate) same insulat\$4) and (@rlad<="20031231" or @ad<="20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 12:20 |
| S32 | 55 | ("156"/3\$).ccls. and (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) not S22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 15:00 |
| S33 | 16 | ("118"/\$ or "156"/\$3 or "204"/\$). ccls. and (((dispers\$4) adj plate) same insulat\$4) and (@rlad<="20031231" or @ad<="20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 13:43 |
| S34 | 7 | ("156"/3\$).ccls. and ((dispers\$4 adj plate) same insulat\$4) and (@rlad<="20031231" or @ad<="20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 15:07 |
| S35 | 3824 | (Ho near3 Lee).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 15:12 |
| S36 | 6 | S35 and ((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4 or dispers\$4) adj plate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 15:18 |
| S37 | 12 | (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4).clm. and @pd>="20060320" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 15:39 |
| S38 | 1515 | (((shower head) or showerhead or ((diffus\$4 or distribut\$4 or dispens\$4) adj plate)) same insulat\$4) and (@rlad<="20031231" or @ad<="20031231") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 16:00 |

EAST Search History

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| S39 | 1143 | S38 not (S21 or S22 or S28 or S31) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/10/11 15:56 |
| S40 | 569 | S39 and (substrate or wafer or susceptor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/30 19:52 |